

Ankita Roy Chowdhury

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PROFESSIONAL SUMMARY

Results-driven Java Developer with 3.5 years of experience in designing, developing, and deploying Microservices using Spring Boot and RESTful APIs. Proven expertise in Java 8, Hibernate, JPA, and Spring MVC, with strong exposure to CI/CD. Adept at Agile/Scrum methodologies and committed to delivering clean, maintainable code and scalable system design.

EDUCATION

Dr.B.C. Roy Engineering College

B.Tech in Computer Science and Engineering, GPA: 8/10

Durgapur, West Bengal

August. 2017 – July, 2021

DAV Public School

Class XII, CBSE, Score: 85%

Rupnarayanpur, West Bengal

April 2017

DAV Public School

Class X, CBSE, Score: 95%

Rupnarayanpur, West Bengal

April 2015

EXPERIENCE

Tata Consultancy Services

Software Engineer

Kolkata, India

August 2021 - present

- **TCS BANCS project** | *Java, SpringBoot, REST API, Plsql, Devplus, Jile*
- Worked as a Java developer in TCS BANCS project in the calculation module where calculations related to pension policies are implemented using JAVA with SpringBoot with 99 percent accuracy.
- Have an exposure in making REST API calls to send and receive JSON data and handling responses.
- Used JDBC and Spring Data JPA for Model (Data Layer).
- Built reusable repository and service layers using JPA and Hibernate.
- Optimized SQL queries and managed database operations using MySQL
- Also has an experience in using Junit with Mockito for unit testing and had code coverage of 90 percent.
- Collaborated with DevOps team to configure Jenkins pipelines for CI/CD.
- Participated in Agile ceremonies and used JIRA for sprint planning and tracking.
- Successfully delivered timely user stories with a focus on efficiency and scalability, resulting in a positive feedback from project stakeholders and hence used JILE tool for tracking User stories.
- Also has a good experience in debugging and hence contributed in reducing the number of post-release defects by 60 percent and used DevPlus tool to manage track of defects

TECHNICAL SKILLS

Core Java(OOPs, Exception Handling, Collection F/W)

Frameworks(JDBC, Hibernate, SpringBoot, Spring MVC, Spring Cloud, Spring Data JPA)

Microservices(REST APIs, Eureka, API Gateway, Circuit Breaker)

Databases(PlSql, Mysql)

Tools like Devplus, Jile

Version Control(Git, GitHub)

Methodologies(Agile, CI/CD)

Testing(JUnit, Postman)